

## General

### Title

Preoperative evaluation: percentage of canceled or delayed elective non-high-risk surgical procedures for patients age two years and older due to incomplete preoperative history and physical examination documentation.

### Source(s)

Institute for Clinical Systems Improvement (ICSI). Preoperative evaluation. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2010 Jun. 40 p. [26 references]

## Measure Domain

### Primary Measure Domain

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

### Secondary Measure Domain

Does not apply to this measure

## Brief Abstract

### Description

This measure is used to assess the percentage of canceled or delayed elective non-high-risk surgical procedures for patients age two years and older due to incomplete preoperative history and physical examination documentation.

### Rationale

The priority aim addressed by this measure is to eliminate canceled or delayed elective, non-high-risk surgical procedures for patients two years of age and older due to incomplete preoperative history and physical examination and communication.

## Primary Clinical Component

Canceled or delayed elective non-high-risk surgical procedures; incomplete preoperative history and physical examination

## Denominator Description

Number of elective non-high-risk surgeries for patients age two and older (see the related "Denominator Inclusions/Exclusions" field)

## Numerator Description

Number of surgeries canceled or delayed due to incomplete documentation of preoperative history and physical examination

## Evidence Supporting the Measure

### Evidence Supporting the Criterion of Quality

A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

## Evidence Supporting Need for the Measure

### Need for the Measure

Unspecified

## State of Use of the Measure

### State of Use

Current routine use

### Current Use

Internal quality improvement

## Application of Measure in its Current Use

### Care Setting

Physician Group Practices/Clinics

## Professionals Responsible for Health Care

Physicians

## Lowest Level of Health Care Delivery Addressed

Group Clinical Practices

## Target Population Age

Age greater than or equal to 2 years

## Target Population Gender

Either male or female

## Stratification by Vulnerable Populations

Unspecified

# Characteristics of the Primary Clinical Component

## Incidence/Prevalence

Unspecified

## Association with Vulnerable Populations

Unspecified

## Burden of Illness

Unspecified

## Utilization

Unspecified

## Costs

Unspecified

# Institute of Medicine (IOM) Healthcare Quality Report Categories

## IOM Care Need

Getting Better

## IOM Domain

Effectiveness

# Data Collection for the Measure

## Case Finding

Users of care only

## Description of Case Finding

All patients (age two and older) undergoing elective non-high-risk surgical procedures

Sample at least 30 records of elective non-high-risk surgical procedures for review. Selected records are audited to determine whether surgery was canceled or delayed due to incomplete documentation of preoperative history and physical examination.

For more effective tracking of process improvement, data should be collected monthly.

## Denominator Sampling Frame

Patients associated with provider

## Denominator Inclusions/Exclusions

### Inclusions

Number of elective non-high-risk surgeries\* for patients age two and older

\*Elective non-high-risk surgery includes planned, scheduled, non-emergent surgical procedures that allow time for a scheduled preoperative health assessment.

### Exclusions

Patients younger than two years of age

High-risk procedures, such as cardiac or procedures anticipated to be prolonged (usually greater than two hours), are not included.

## Relationship of Denominator to Numerator

All cases in the denominator are equally eligible to appear in the numerator

## Denominator (Index) Event

Institutionalization

Therapeutic Intervention

## Denominator Time Window

Time window brackets index event

## Numerator Inclusions/Exclusions

### Inclusions

Number of surgeries canceled or delayed due to incomplete documentation of preoperative history and physical examination

### Exclusions

Unspecified

## Measure Results Under Control of Health Care Professionals, Organizations and/or Policymakers

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

## Numerator Time Window

Institutionalization

## Data Source

Administrative data

Medical record

## Level of Determination of Quality

Individual Case

## Pre-existing Instrument Used

Unspecified

## Computation of the Measure

### Scoring

Rate

### Interpretation of Score

Better quality is associated with a lower score

## Allowance for Patient Factors

Unspecified

## Standard of Comparison

Internal time comparison

## Evaluation of Measure Properties

### Extent of Measure Testing

Unspecified

## Identifying Information

### Original Title

Percentage of canceled or delayed elective non-high-risk surgical procedures for patients age two years and older due to incomplete preoperative history and physical examination documentation.

### Measure Collection Name

Preoperative Evaluation Measures

### Submitter

Institute for Clinical Systems Improvement - Nonprofit Organization

### Developer

Institute for Clinical Systems Improvement - Nonprofit Organization

### Funding Source(s)

The following Minnesota health plans provide direct financial support: Blue Cross and Blue Shield of Minnesota, HealthPartners, Medica, Metropolitan Health Plan, PreferredOne, and UCare Minnesota. In-kind support is provided by the Institute for Clinical Systems Improvement's (ICSI) members.

### Composition of the Group that Developed the Measure

*Work Group Members:* David Danielson, MD (Work Group Leader) (Mayo Clinic) (Anesthesiology); Steven Thompson, PA-C (Mayo Clinic) (Anesthesiology); Charles Boback, MD (Stillwater Medical Group and Lakeview Hospital) (Family Medicine); William Sypura, MD (Fairview Health Services) (Family Medicine); Peter Rothe, MD (HealthPartners Medical Group) (Internal Medicine); Jerry Stultz, MD (HealthPartners Medical Group) (Pediatrics); Kevin Bjork, MD (Stillwater Medical Group and Lakeview Hospital) (Surgery); Joann Foreman, RN (Institute for Clinical Systems Improvement) (Facilitator); Janet Jorgenson-Rathke, PT, MA (Institute for Clinical Systems Improvement) (Facilitator)

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## Adaptation

Measure was not adapted from another source.

## Release Date

2010 Jun

## Measure Status

This is the current release of the measure.

## Source(s)

Institute for Clinical Systems Improvement (ICSI). Preoperative evaluation. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2010 Jun. 40 p. [26 references]

## Measure Availability

The individual measure, "Percentage of Canceled or Delayed Elective Non-high-risk Surgical Procedures for Patients Age Two Years and Older Due to Incomplete Preoperative History and Physical Examination Documentation," is published in "Health Care Guideline: Preoperative Evaluation." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#) .

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: [www.icsi.org](http://www.icsi.org) ; e-mail: [icsi.info@icsi.org](mailto:icsi.info@icsi.org).

## NQMC Status

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